VERSION DESCRIPTION DOCUMENT FOR THE NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS)

Release 4.3.2

NASA-NPDMS-VDD-14

UNITeS Contract

June 18, 2004

National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

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NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS)
RELEASE 4.3.2**

Submitted by

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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RELEASE 4.3.2**

Approved by

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Project Manager	

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
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1. <u>INTRODUCTION</u>

This Version Description Document (VDD) describes the changes and Installation procedures for this release of the NASA Property Disposal Management System (NPDMS). This section identifies the release, describes its purpose, defines its scope, and identifies its contact points.

1.1   IDENTIFICATION OF THE RELEASE

This software release is identified as NPDMS, Release 4.3.2 and has an effective release date of June 18, 2004.

1.2   PURPOSE OF THE RELEASE

This release implements modifications for the following Change Control Requests (CCRs):

<u>CCR</u>   <u>Title</u>
507   Enhance picture ID development

This release implements modifications necessitated by the following Discrepancy Reports (DRs):

<u>CCR</u>   <u>Title</u>
         None

1.3   SCOPE

This VDD provides the functional and technical user of NPDMS with information regarding the content, status, and structure of Release 4.3.2, including the following:

-        Changes implemented since Release 4.3.1;

-        Validation procedures to ensure the reliability of release changes;

-        References to other documentation affected by this release;

-        Detailed software installation instructions.

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering for NPDMS is provided through the Consolidation Center (CC) located at Marshall Space Flight Center (MSFC). Questions regarding the functional and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (Use following Key Words: SESAAS & NPDMS)

Telephone:	(256) 544-6673
Email:	neal.cantrell@msfc.nasa.gov
FAX:	(256) 544-1836

2.0   FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1   FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release.

2.2   FUNCTIONAL INTERFACES

This section is not applicable for this release.

2.3   CRITICAL ISSUES

This section is not applicable for this release.

2.4   AFFECTED DOCUMENTS

The following documents were changed for this release:

   User's Guide for GSA Pictures Upload

2.5   APPLICATION SYSTEM ADMINISTRATION

There are no application system administration changes associated with this release.

3.0   TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

3.1   TECHNICAL SYSTEM INTERFACES

There are no technical system interface issues with this release.

3.2   DATA DICTIONARY CHANGES

Refer to Appendix D, Section 4.1, for the data dictionary changes in this release.

3.3   SOFTWARE OBJECT CHANGES

Modules affected by this release are included in Appendix D, Section 2.2.

3.4   DATABASE ADMINISTRATION

This section is not applicable for this release.

3.4.1   Release Dataset Names

This section is not applicable for this release.

3.4.2   Inventory of Objects

Refer to Appendix D, Section 2.1, for an inventory of software impacted by this release.

3.4.3   Storage Considerations

The changes represented by this release should not affect storage requirements.

3.4.4   Installation Procedures

No special installation is required for this release.

3.5   OPERATIONAL PREPARATION

This section is not applicable for this release.

4.0   <u>KNOWN AND OPEN PROBLEMS</u>

There are no known or open problems related to this release.

APPENDIX A - <u>ABBREVIATIONS AND ACRONYMS</u>

CC   Consolidation Center

CCR   Change Control Request

DBA   Database Administrator

DR   Discrepancy Report

FAX   Electronic Facsimile Transmission

IRM   Information Resources Management

JCL   Job Control Language

MSFC   Marshall Space Flight Center

NACC   NASA Automated Data Processing (ADP) Consolidation Center

NASA   National Aeronautics and Space Administration

NEMS   NASA Equipment Management System

NPDMS   NASA Property Disposal Management System

SESAAS   Sustaining Engineering Support for Agencywide Application Services

UNITeS   Unified NASA Information Technology Services

VDD   Version Description Document

APPENDIX B - <u>GLOSSARY</u>

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a NASA software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of a NASA application release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with a NASA application.

APPENDIX C - <u>FUNCTIONAL CHANGE VALIDATION PROCEDURES</u>

Index of validation procedures for changes in this release:

Section	CCR	Title
5.0	507	Enhance picture ID development

Details for the validation procedures follow:

1.0 CCR 507 – Enhance picture ID development
Users have to generate the entire picture ID.

Description of Change
Code was changed to default the 1st six positions of the case number (FEDAAC code) and to ensure that the alpha character at the end of the case number is entered..

Functional Impact
There is no functional impact as a result of this CCR.

Validation Procedures
- Select the File Upload from the NASA GSA Pictures Upload web page.
  Expected Results: A screen will be displayed with the 1st six positions of the case number (FEDAAC) displayed.
- Enter the last 8 positions of the case number and click on the Browse button.
  Expected Results: A warning message indicating that the Name required is 9 characters (8 positions of the case number + an alpha character (A-H or J-M) will be displayed.
- Enter the last 8 positions of the case number followed by an 'A' and click on the Process Upload button.
  Expected Results: A warning message indicating that the Name and File must be entered is displayed.

_____

MODULE ID   MODULE NAME   TYPE

APPENDIX D - <u>INSTALLATION INSTRUCTIONS AND CHECKLIST FOR NPDMS SOFTWARE RELEASE 4.3.2</u>

Introduction

Release information:

System Name: NPDMS
Release Number: 4.3.2
Release Date: June 18, 2004
Effective Date: Immediately

1.0 Back Up Existing Data

Not Applicable

2.0 List of Modifications

Modified Files:

<u>Filename</u>	<u>File Description</u>	<u>TYPE</u>
1. PARSERUPLOADSERVLET	Picture Upload	Java
2. EQUIPLIST	Screen for Picture Upload	JSP

3.0 Installation Procedures

.   Copy the following files from NEMSDV1 test to production NEMSC:

- GSAPicturesVersion4.3.2

- D:\GSAPicturesVersion4.3.2/upload.war to D:/resin-2.0.4/webapps

- Stop and restart application web server